

COVER SHEET

RESPONSIBLE AGENCY: U.S. Department of Energy (DOE) National Nuclear Security Administration

TITLE: Final Site-wide Environmental Impact Statement for Continued Operation of Lawrence Livermore National Laboratory and Supplemental Stockpile Stewardship and Management Programmatic Environmental Impact Statement (DOE/EIS-0348 and DOE/EIS-0236-S3)

CONTACT:

For further information on this EIS,
Call: 1-877-388-4930, or contact

For general information on the DOE
National Environmental Policy Act (NEPA)
process, write or call:

Thomas Grim
Livermore Site Office Document Manager
NNSA
7000 East Avenue
MS L-293
Livermore, CA 94550-9234
(925) 422-0704
(925) 422-1776 fax

Carol Borgstrom, Director
Office of NEPA Policy and Compliance
(EH-42)
U.S. Department of Energy
1000 Independence Avenue, SW
Washington, DC 20585
(202) 586-4600
or leave a message at 1-800-472-2756

Abstract: The National Nuclear Security Administration (NNSA), a separately organized agency within DOE, has the responsibility to maintain and enhance the safety, reliability, and performance of the U.S. nuclear weapons stockpile to meet national security requirements. NNSA manages DOE's nuclear weapons programs and facilities, including those at Lawrence Livermore National Laboratory (LLNL). The continued operation of LLNL is critical to NNSA's Stockpile Stewardship Program and to preventing the spread and use of nuclear weapons worldwide. LLNL maintains core competencies in activities associated with research and development, design, and surveillance of nuclear weapons, as well as the assessment and certification of their safety and reliability.

This *Site-wide Environmental Impact Statement for Continued Operation of Lawrence Livermore National Laboratory and Supplemental Stockpile Stewardship and Management Programmatic Environmental Impact Statement* (LLNL SW/SPEIS) prepared pursuant to NEPA, analyzes the potential environmental impacts of continued operation, including near term proposed projects of LLNL. Alternatives analyzed in this LLNL SW/SPEIS include the No Action Alternative, the Proposed Action, and the Reduced Operation Alternative. This document is also a Supplement to the *Final Programmatic Environmental Impact Statement for Stockpile Stewardship and Management* for use of proposed materials at the National Ignition Facility (NIF). This combination ensures timely analysis of the reasonably foreseeable environmental impact of NIF experiments using the proposed materials concurrent with the environmental analyses being conducted for the site-wide activities and will be referred to as the LLNL SW/SPEIS.

This document assesses the environmental impacts of LLNL operations on land uses and applicable plans, socioeconomic characteristics and environmental justice, community services, prehistoric and historic cultural resources, aesthetics and scenic resources, geology and soils, biological resources, water, noise, traffic and transportation, utilities and energy, materials and waste management, human health and safety, site contamination, and accidents. For this Final LLNL SW/SPEIS the Proposed Action has been identified as the preferred alternative for the continuing operations of LLNL.

Public Comments: The Draft LLNL SW/SPEIS was issued for public review and comment on February 27, 2004. The public comment period was held from February 27, 2004 to May 27, 2004. Public meetings to solicit comments on the Draft LLNL SW/SPEIS were held in Livermore, California; Tracy, California; and Washington, D.C. All comments were considered during the preparation of the Final LLNL SW/SPEIS, which also incorporates additional and new information received since the issuance of the Draft LLNL SW/SPEIS. In response to comments on the Draft LLNL SW/SPEIS, the Final LLNL SW/SPEIS contains revisions and new information. These revisions and new information are indicated by a sidebar in the margin. Volume IV contains the comments received during the public comment period on the Draft LLNL SW/SPEIS and NNSA's responses to these comments. NNSA will use the analyses presented in this Final LLNL SW/SPEIS as well as other information in preparing the Record of Decision (ROD). NNSA will issue this ROD no sooner than 30 days after the U.S. Environmental Protection Agency publishes a notice of availability of this Final LLNL SW/SPEIS in the *Federal Register*.